

Future Flight Design			
2001 Science and Technology/Engineering			
Curriculum Frameworks			
Massachusetts Science and Technology/Engineering			
Grades 3-5			
Activity/Lesson	State	Standards	
Aircraft Design Problem	MA	SCT.3-5.4.2.3	Identify relevant design features (e.g., size, shape, weight) for building a prototype of a solution to a given problem.
Future Flight Design			
2001 Science and Technology/Engineering			
Curriculum Frameworks			
Massachusetts Science and Technology/Engineering			
Grades 6-8			
Activity/Lesson	State	Standards	
Air Transportation Problem	MA	SCT.6-8.4.6.2	Given a transportation problem, explain a possible solution using the universal systems model.
Air Transportation Problem	MA	SCT.6-8.4.6.3	Identify and describe three subsystems of a transportation vehicle or device, i.e., structural, propulsion, guidance, suspension, control, and support.
Aircraft Design Problem	MA	SCT.6-8.4.6.4	Identify and explain lift, drag, friction, thrust, and gravity in a vehicle or device, e.g., cars, boats, airplanes, rockets.